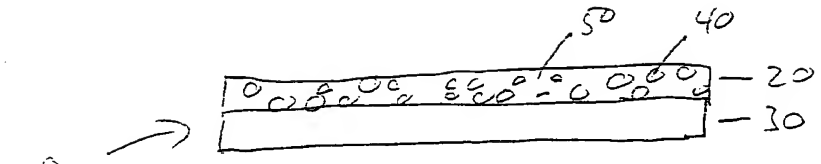

Figure 1

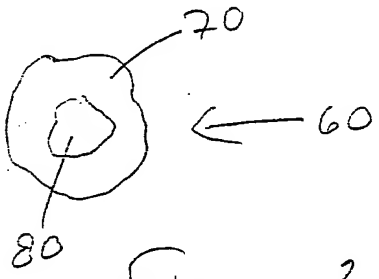

Figure 2

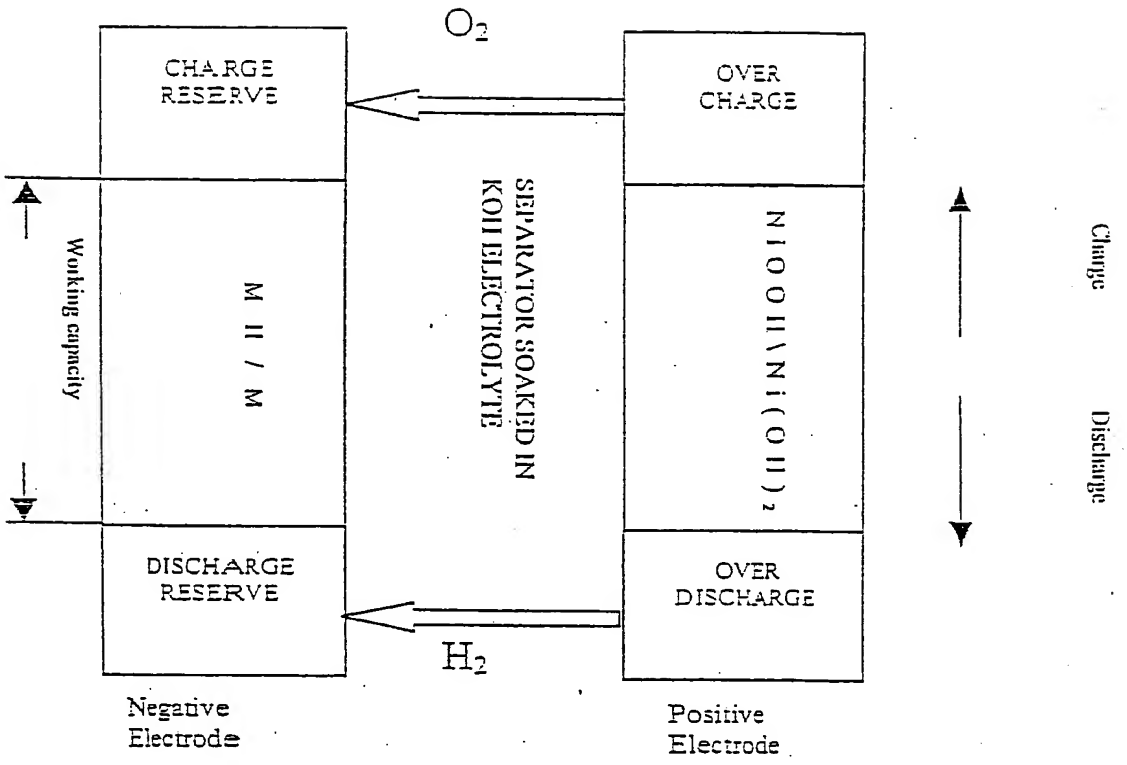

Figure 1. Operating Principle of a Sealed Ni-MH Cell.

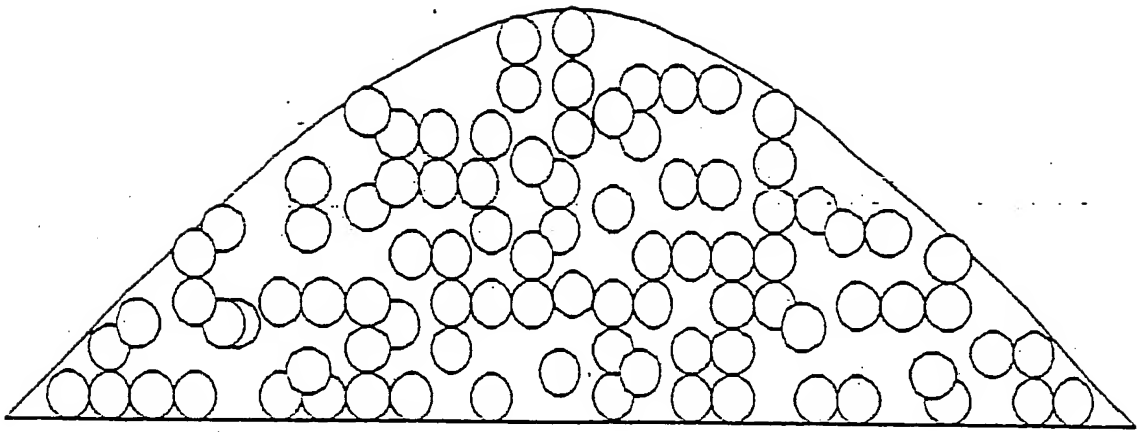

Figure 4. Film Configuration for Non-magnetized Electrode.

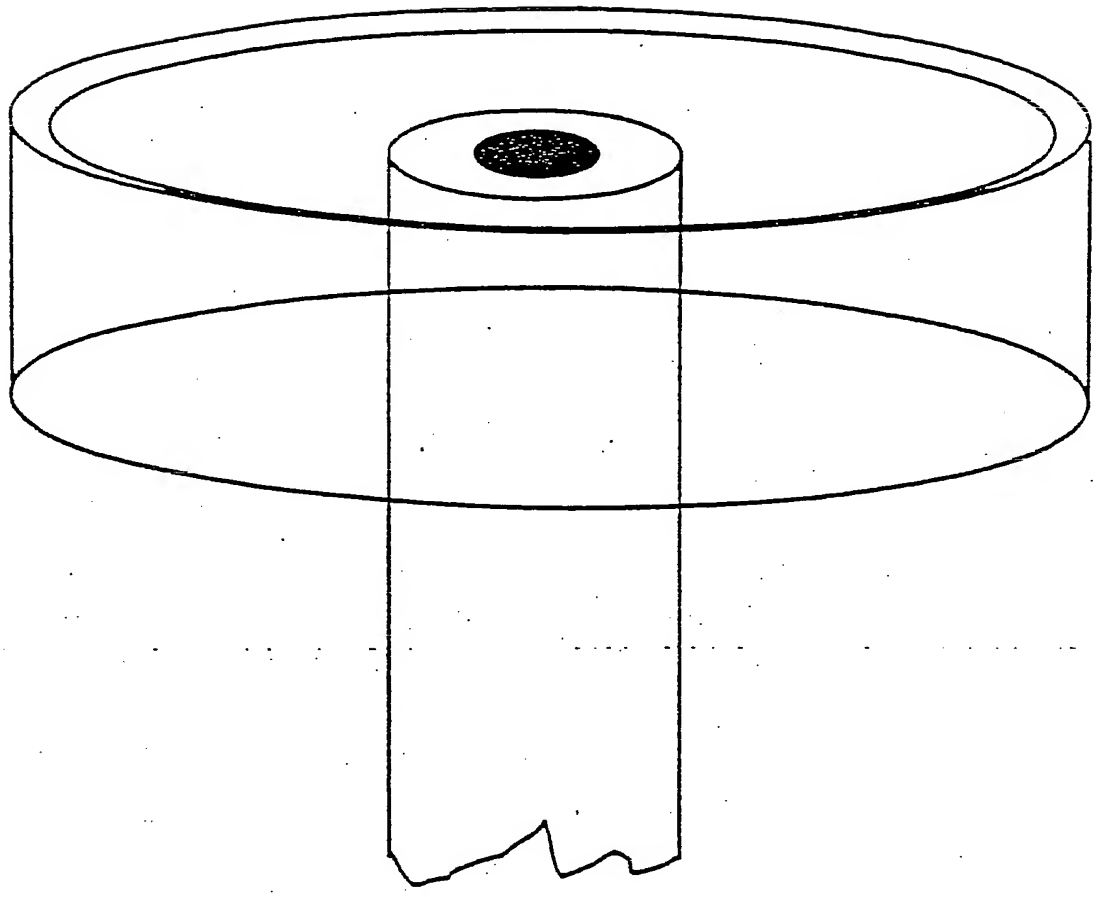

Figure 5. Electrode Configuration for Drying Magnetized Electrode in Normal Direction.

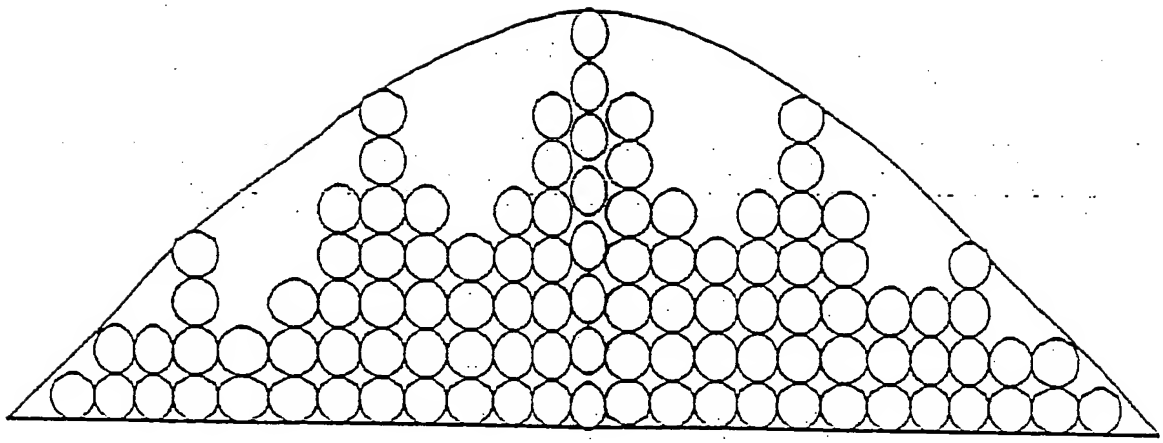

Figure 6. Film Configuration for Magnetized Electrode.

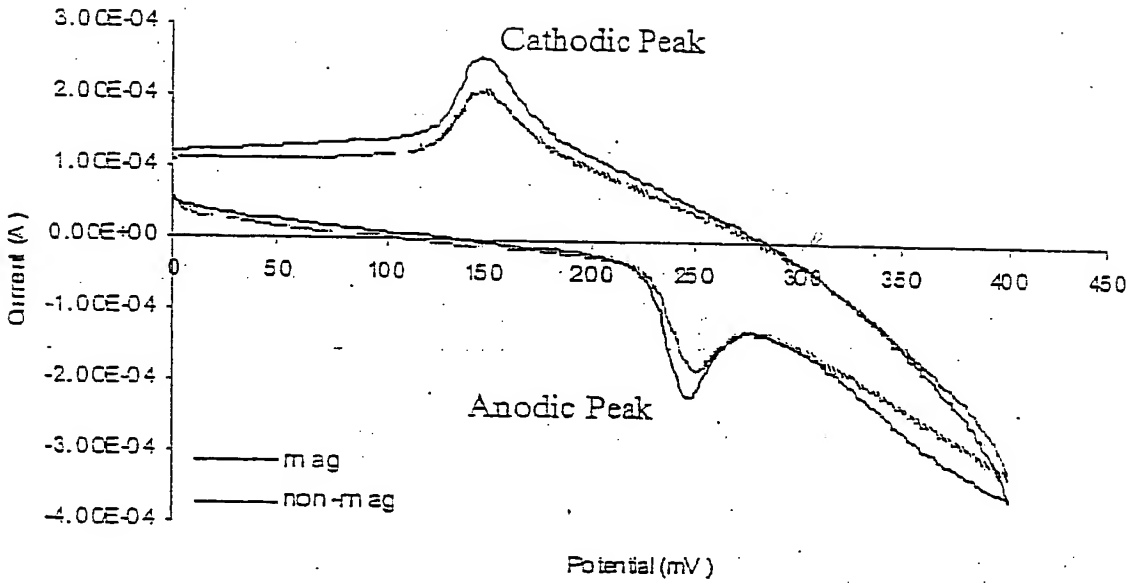

Figure 7. Cyclic Voltammograms of Magnetized and Non-magnetized Pure Nickel Hydroxide Electrode

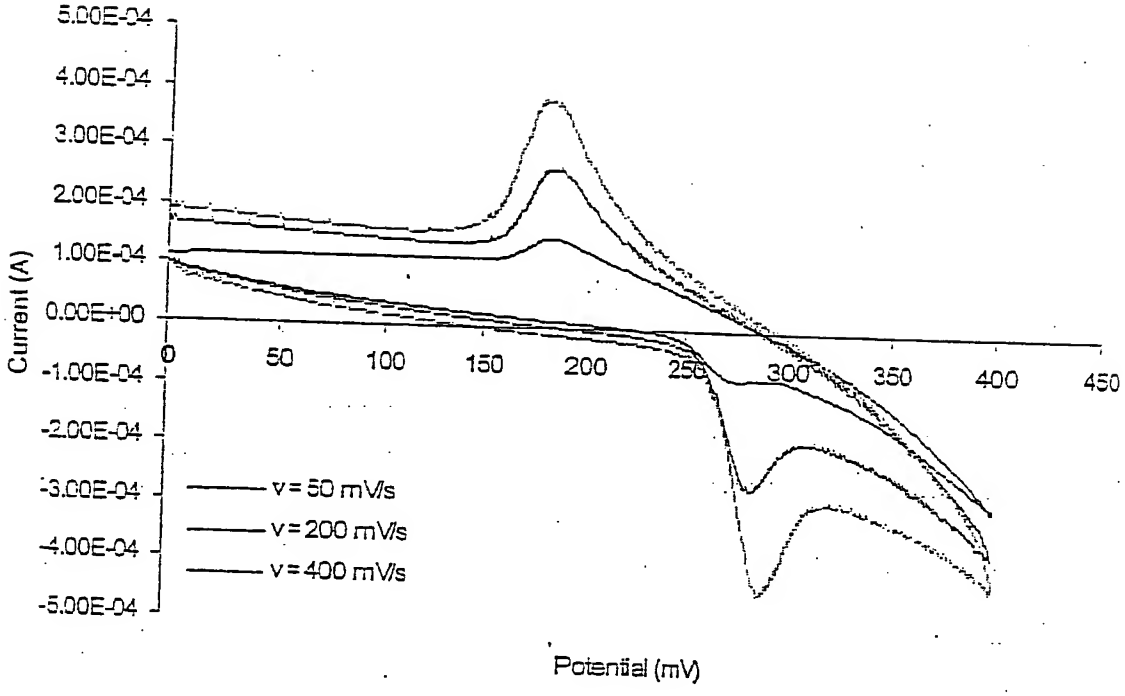

Figure 8. Cyclic Voltammograms for Magnetized Pure Nickel Hydroxide Electrode at Different Scan Rates

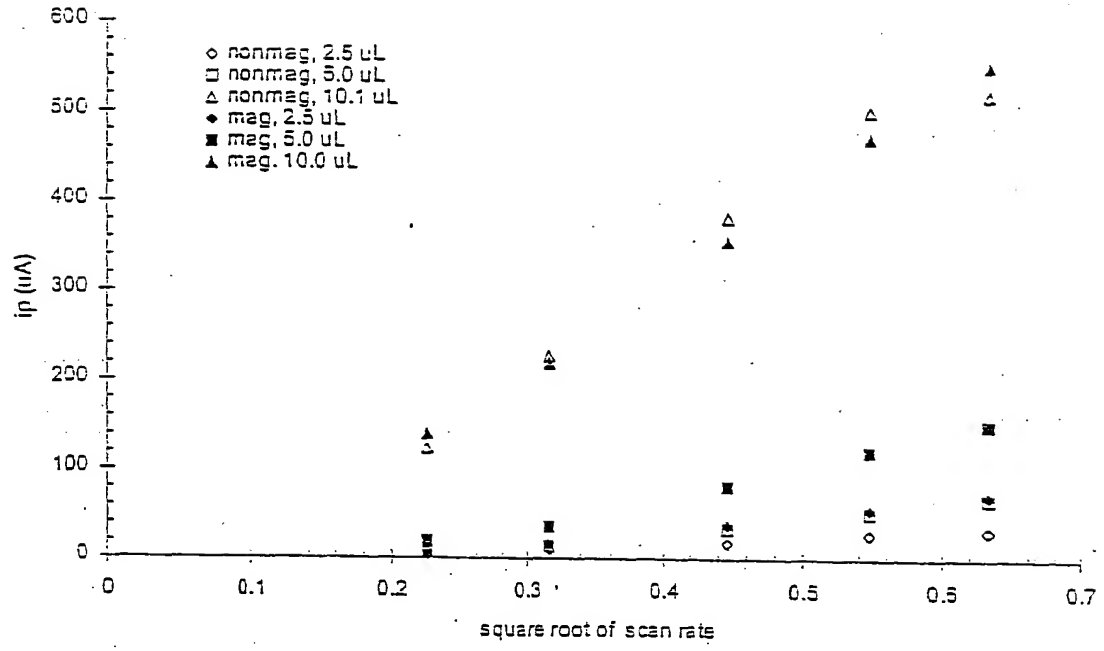

Figure 9. Relationship Between Cathodic Peak Current and the Square Root of Scan Rate for Magnetized and Non-magnetized Pure Nickel Hydroxide Electrode.

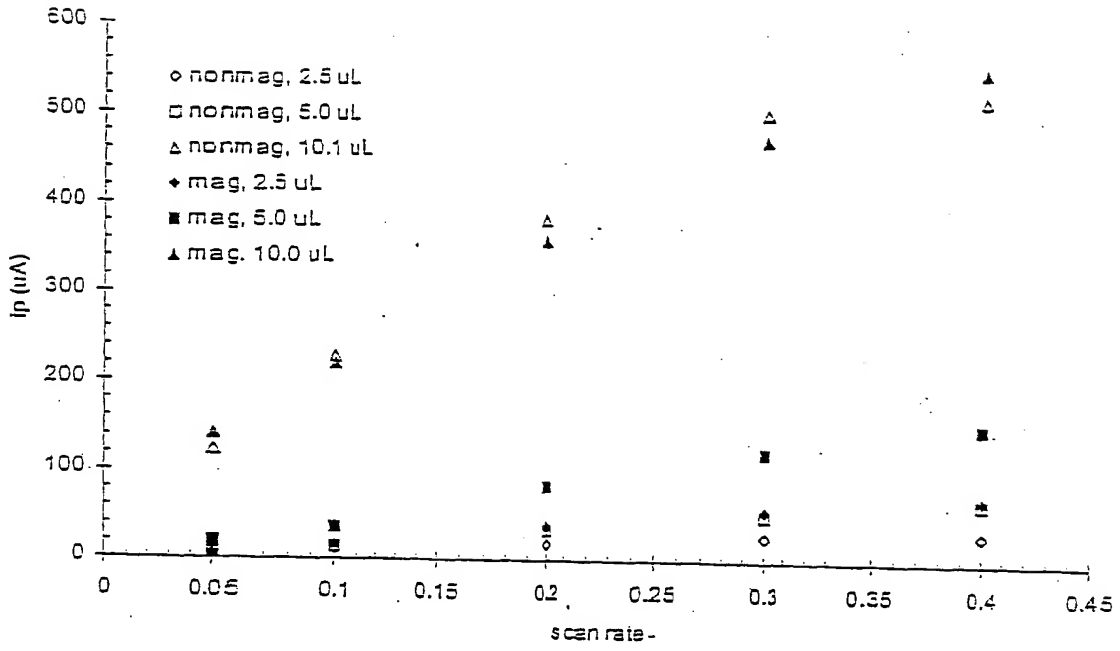

Figure 10. Relationship Between Cathodic Peak Current and Scan Rate for Magnetized and Non-magnetized Pure Nickel Hydroxide Electrode.

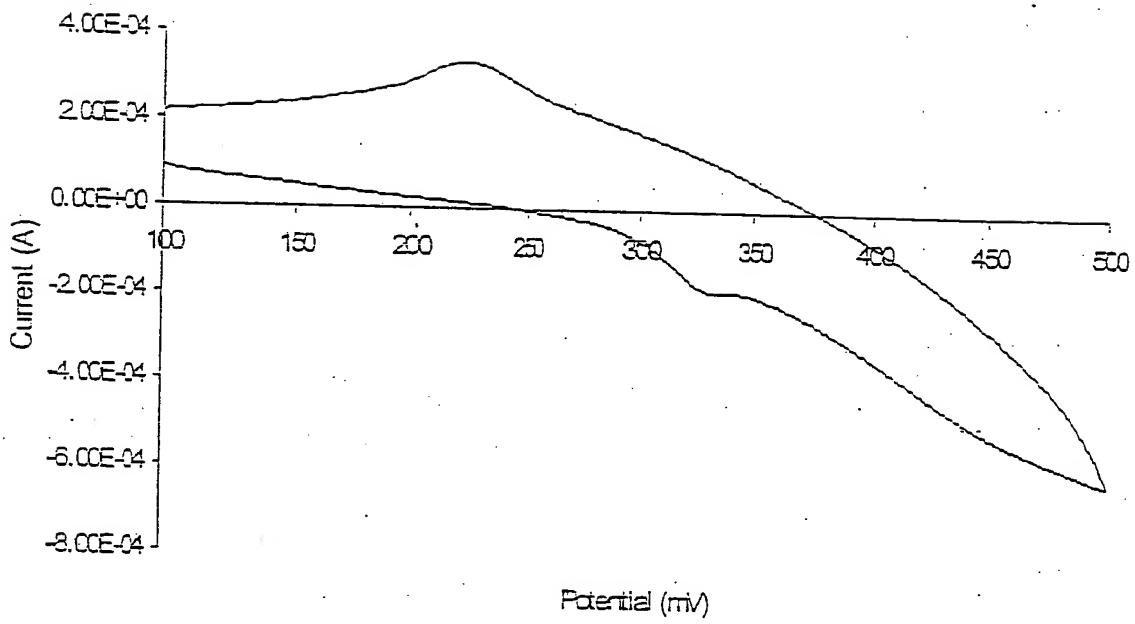

Figure 10. Cyclic Voltammogram for Non-magnetized $Ni(OH)_2$ + Glass Beads (5%) Mixture Electrode (v = 200 mV/sec).

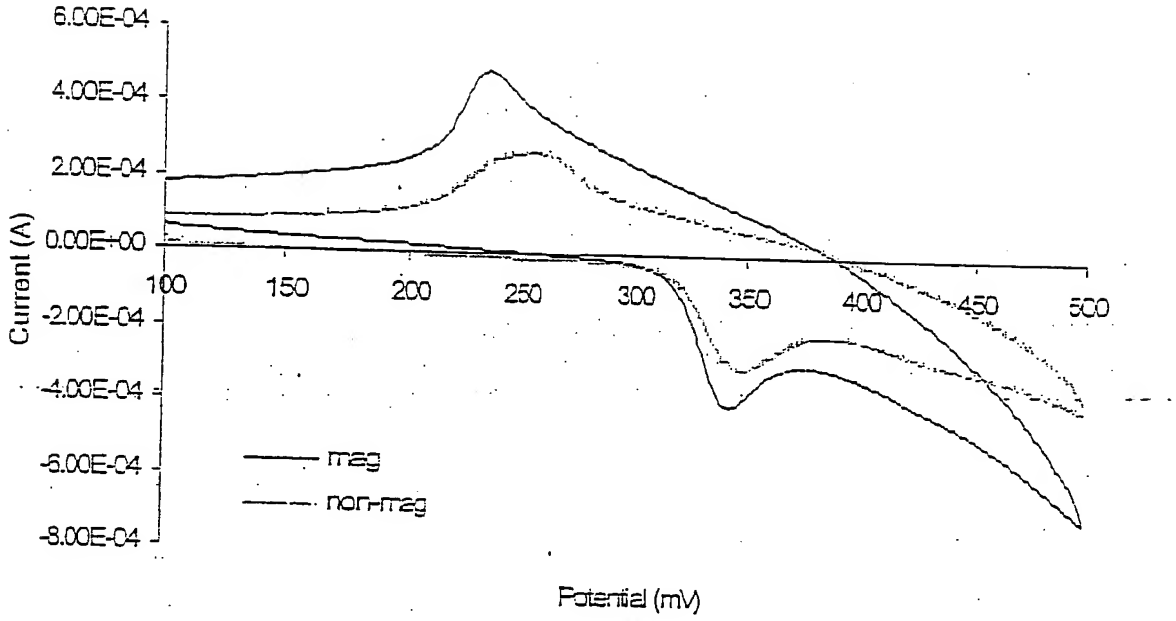

Figure 12. Cyclic Voltammograms for Magnetized and Non-magnetized $Ni(OH)_2$ + Co(15%) Mixture Electrode (v = 200 mV/sec).

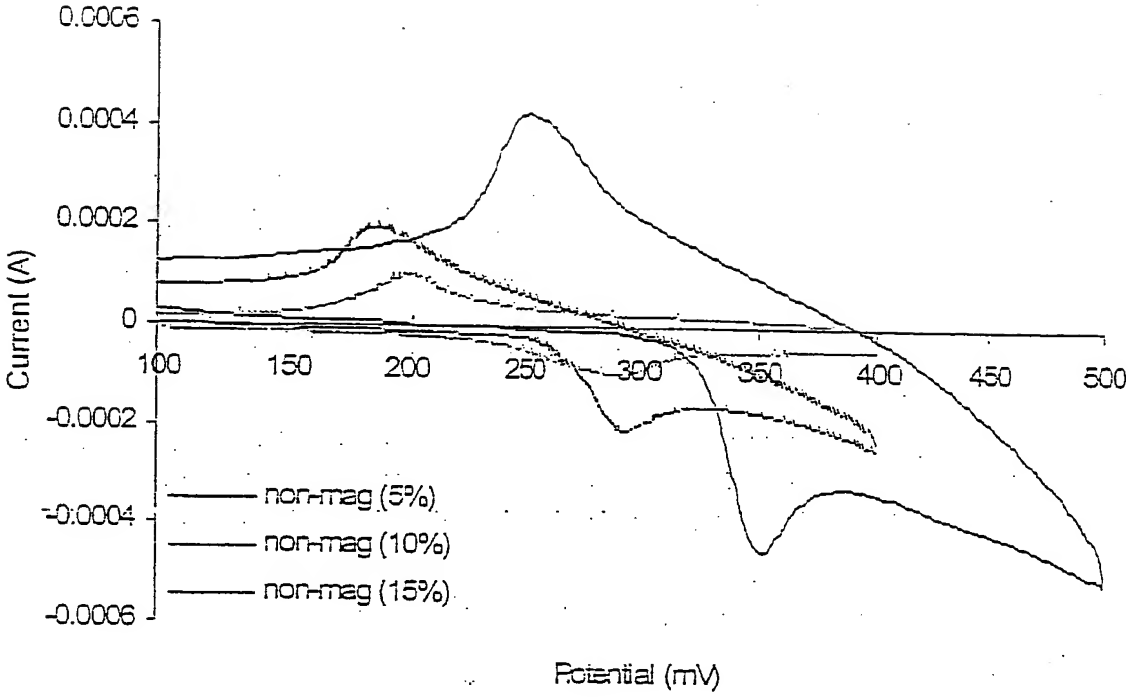

Figure 13. Cyclic Voltammograms for Non-magnetized $Ni(OH)_2$ with 5% and 10% and 15% Fe_3O_4 Mixture Electrode (v = 200 mV/sec).

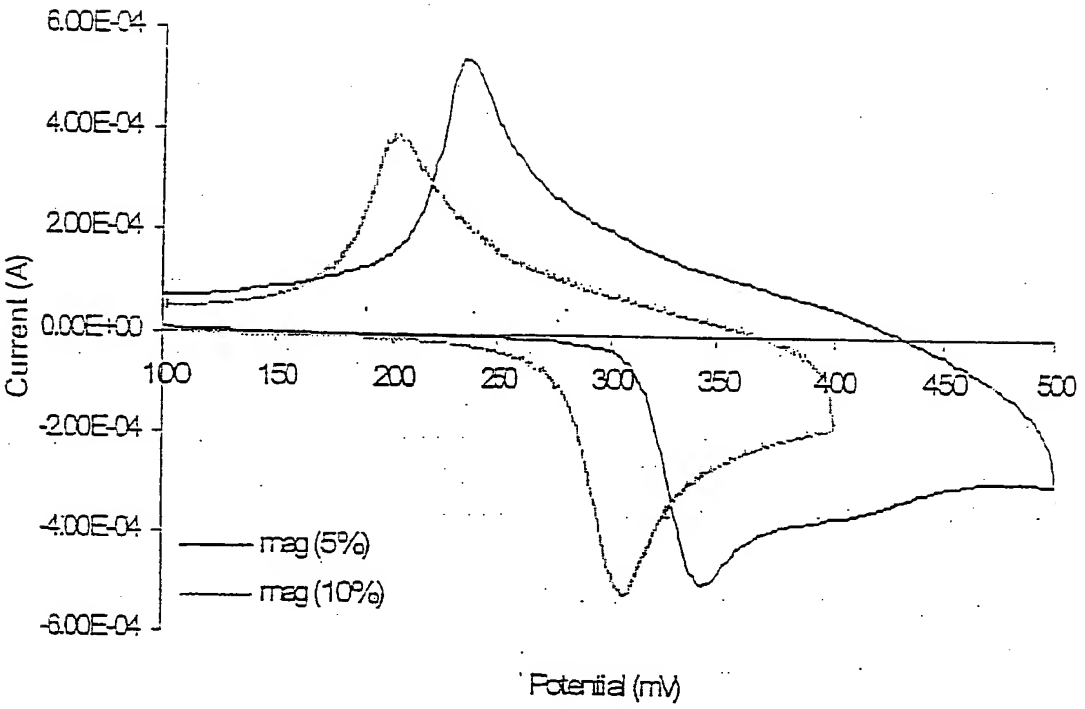

Figure 14. Cyclic Voltammograms for Magnetized $Ni(OH)_2$ with 5% and 10% Fe_3O_4 Mixture Electrode (ν = 200 mV/sec).

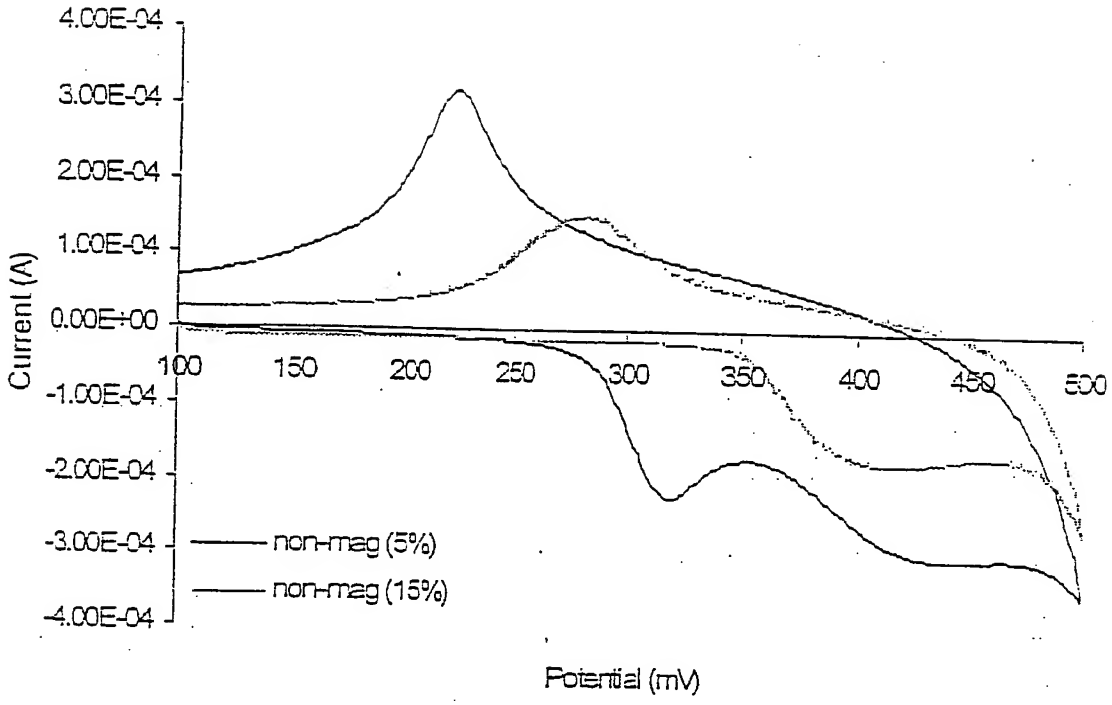

Figure 15. Cyclic Voltammograms for Non-magnetized $Ni(OH)_2$ with 5% and 15% NdFeB Mixture Electrode (v = 200 mV/sec).

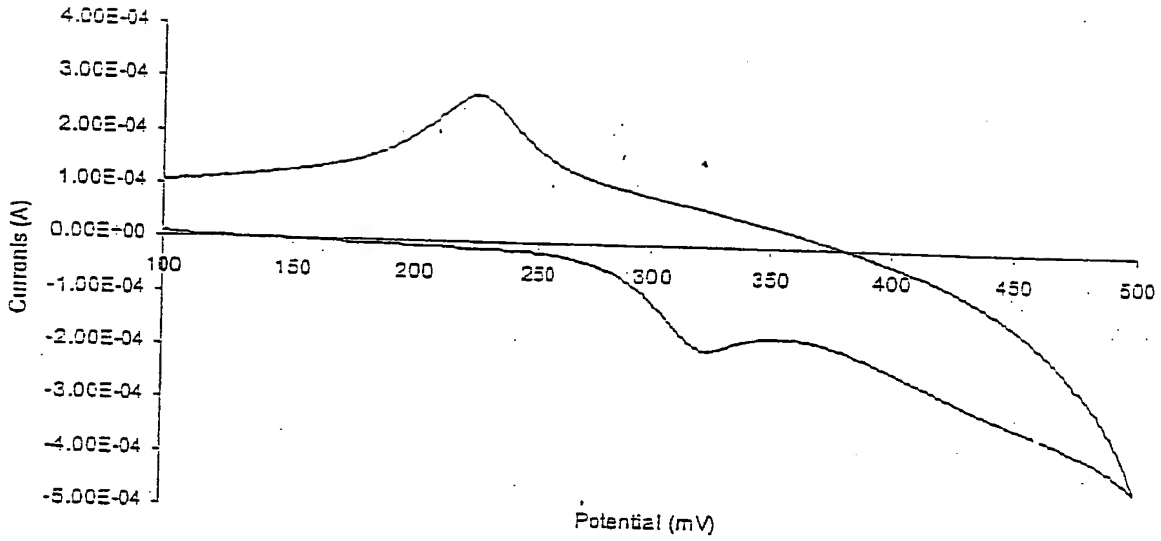

Figure 16. Cyclic Voltammograms for Magnetized $Ni(OH)_2$ + NdFeB Mixture Electrode (ν = 200 mV/sec).

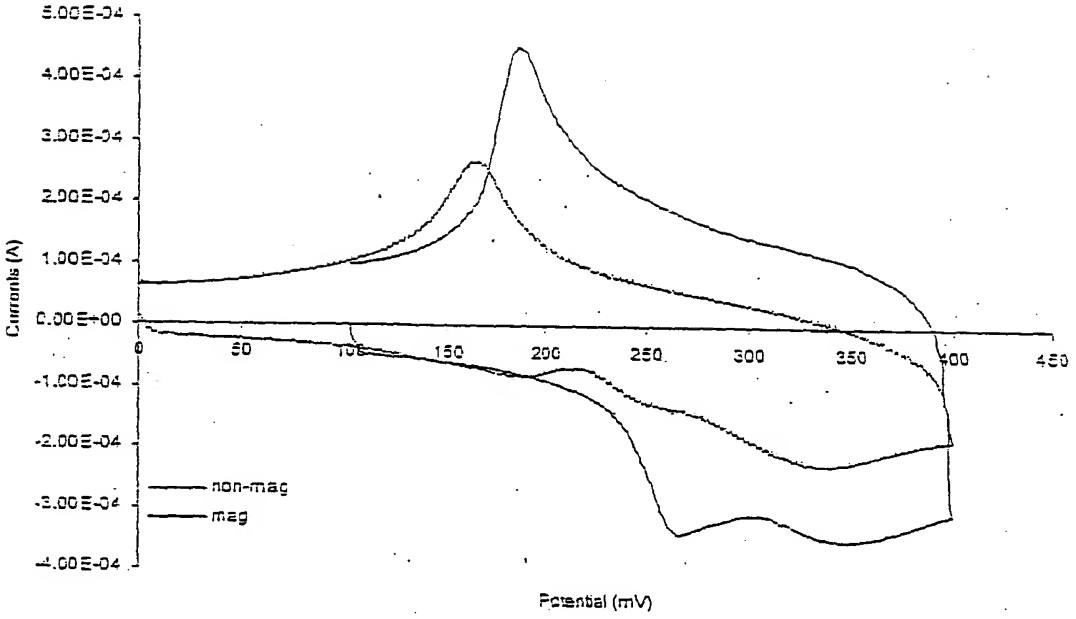

Figure 17. Cyclic Voltammograms for Non-magnetized and Magnetized $Ni(OH)_2$ + 5% SmCo Mixture Electrode (v = 200 mV/sec).

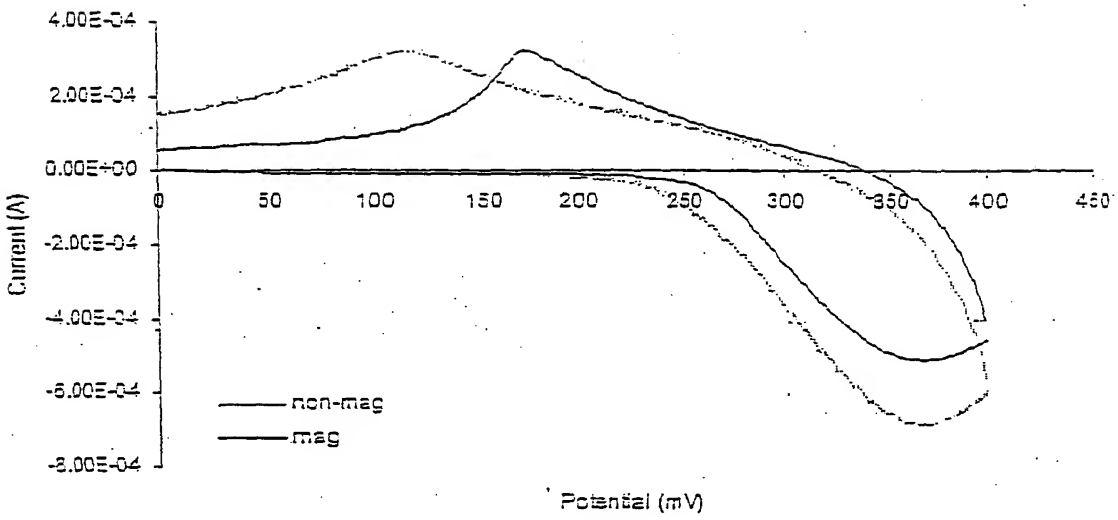

Figure 18. Cyclic Voltammograms for Magnetized and Non-magnetized Pure Nickel Hydroxide Electrodes at T = -15°C (v = 200 mV/sec).

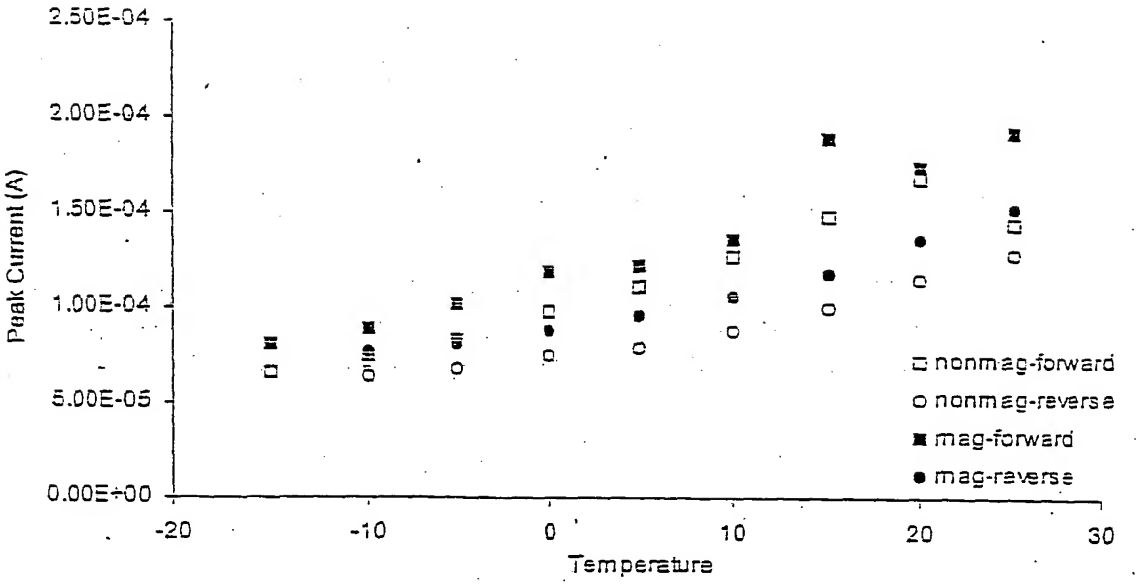

Figure 19. Cathodic Currents for Magnetized and Non-magnetized Pure Nickel Hydroxide Electrode at Different Testing Temperature (Forward (25°C to -15°C); Reverse (-15°C to 25°C); (v = 200 mV/sec).

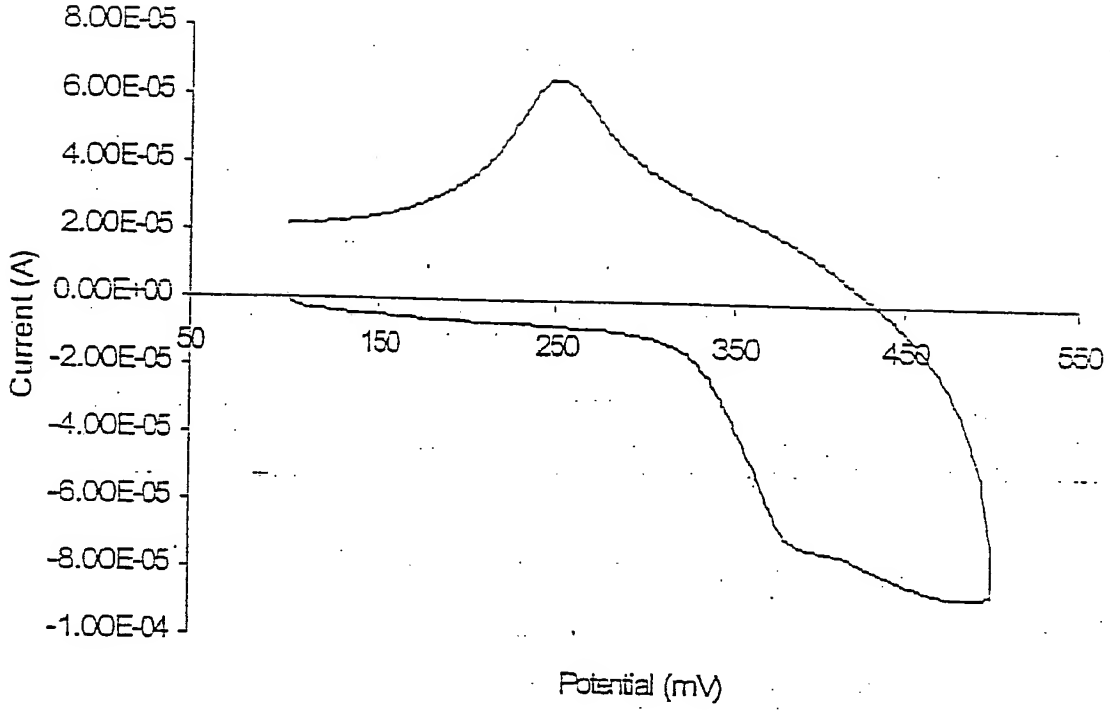

Figure 20. Cyclic Voltammogram for Non-magnetized $Ni(OH)_2$ + Glass Beads (5%) Mixture Electrode at T = -15°C (v = 200 mV/sec).

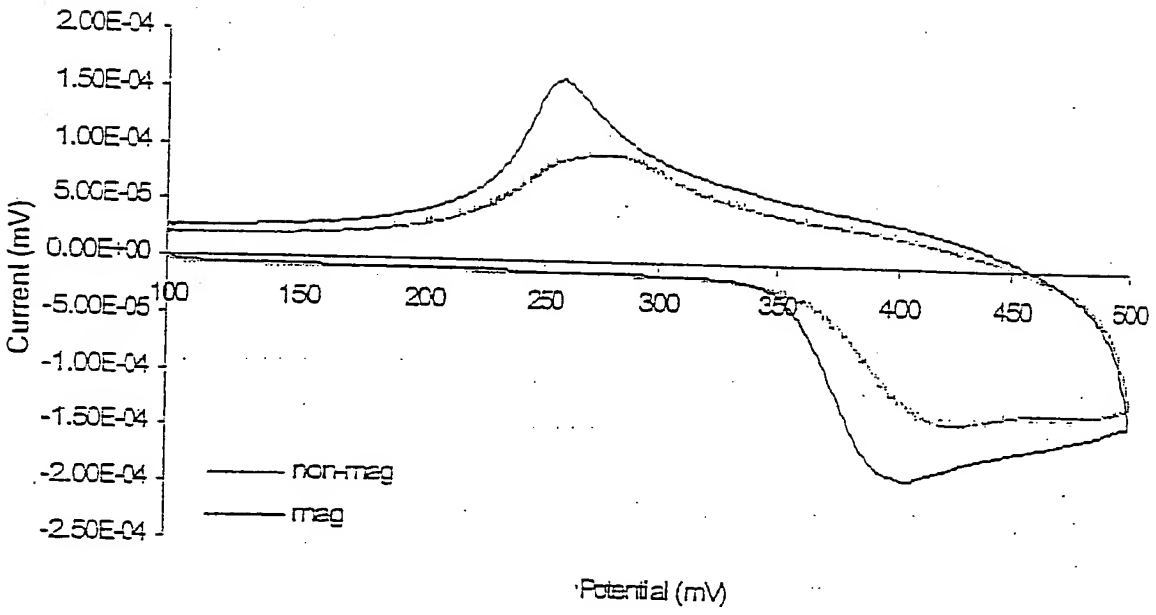

Figure 21. Cyclic Voltammograms for Magnetized and Non-magnetized $Ni(OH)_2$ + Co(15%) Mixture Electrode at T = -15°C (v = 200 mV/sec).

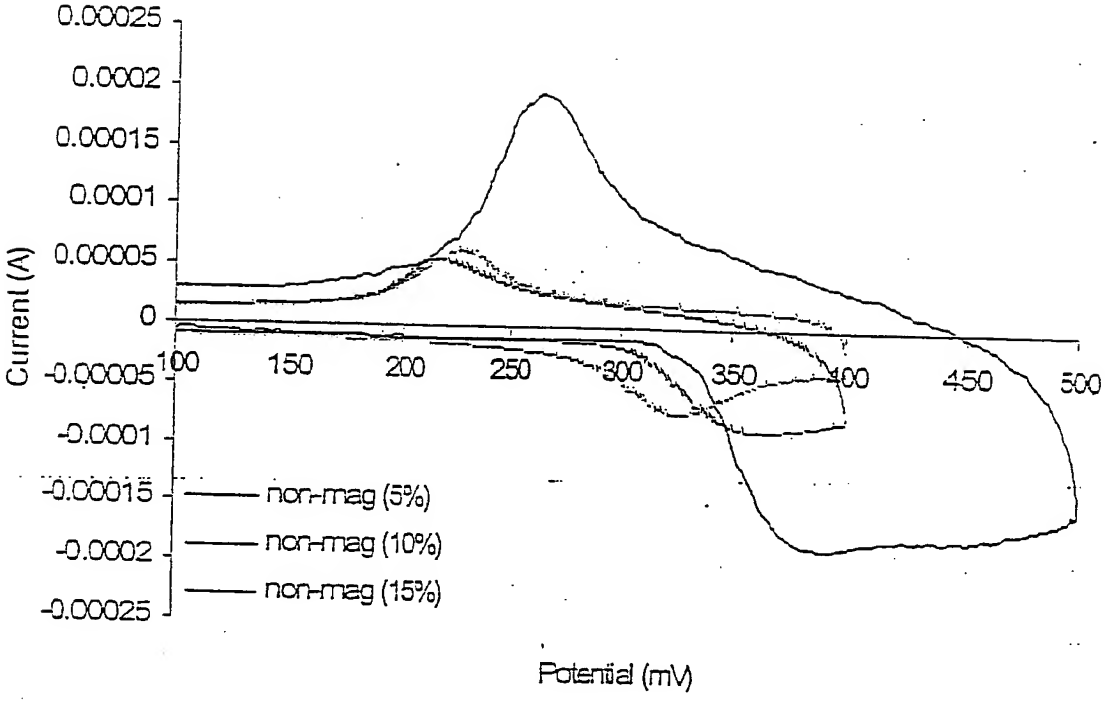

Figure 22. Cyclic Voltammograms for Non-magnetized $Ni(OH)_2$ with 5, 10, and 15 wt.% Fe_3O_4 Mixture Electrode at T = -15°C (v = 200 mV/sec).

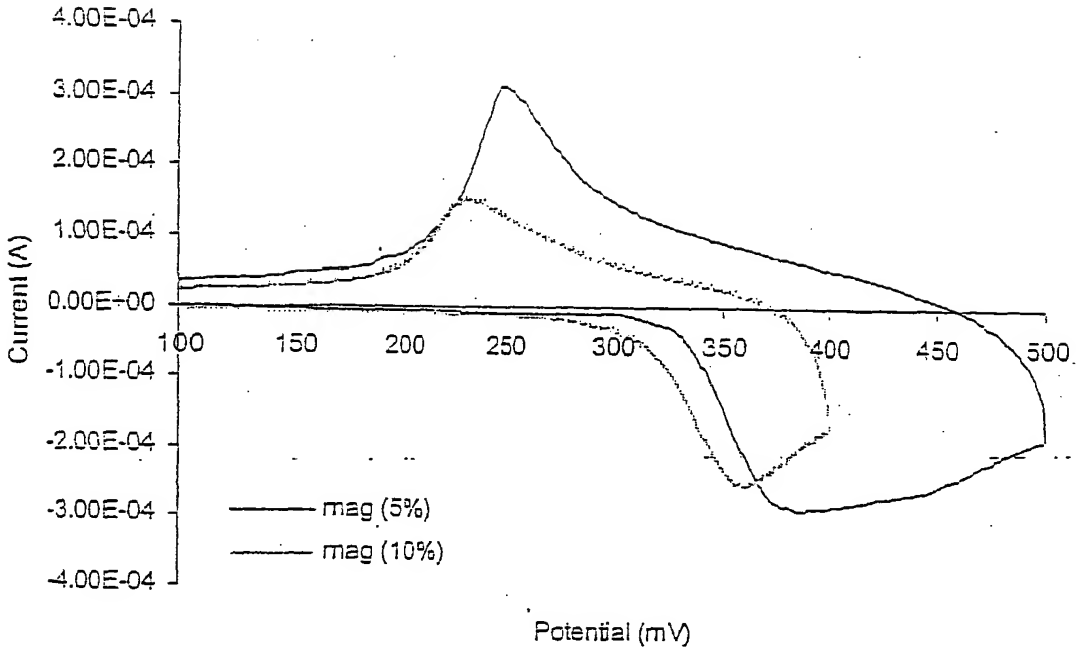

Figure 23. Cyclic Voltammograms for Magnetized $Ni(OH)_2$ with 5 and 10 wt.% Fe_3O_4 Mixture Electrode at T = -15°C (v = 200 mV/sec).

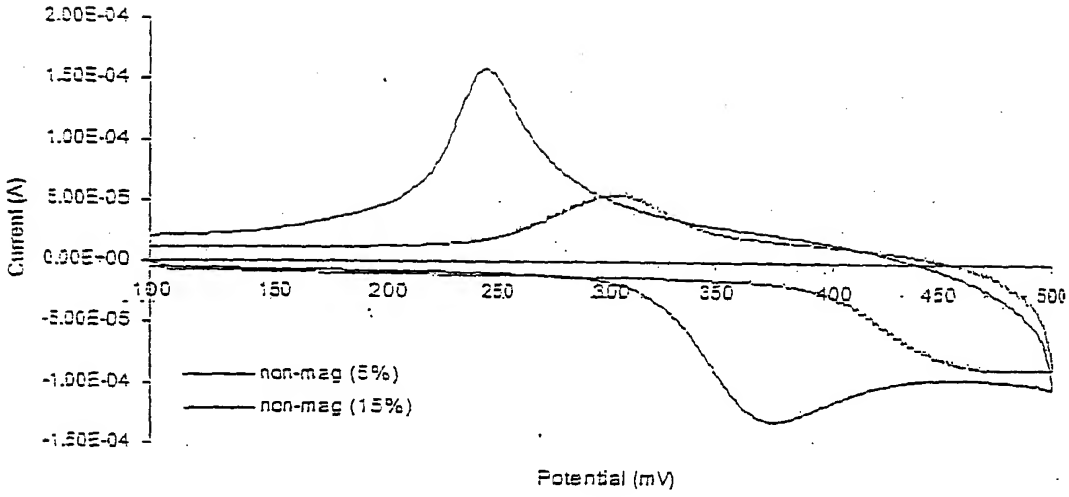

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Figure 24. Cyclic Voltammograms for Non-magnetized $Ni(OH)_2$ with 5% and 15 wt.% NdFeB Mixture Electrode at T = -15°C (ν = 200 mV/sec).

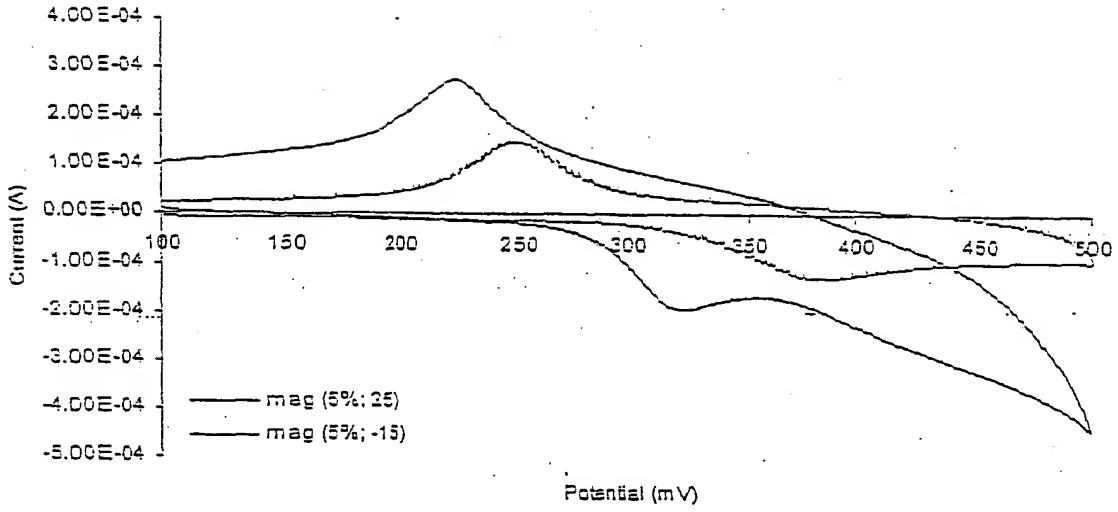

Figure 25. Cyclic Voltammograms for Magnetized $Ni(OH)_2$ with 5% NdFeB Mixture Electrode at T = -15°C (ν = 200 mV/sec).

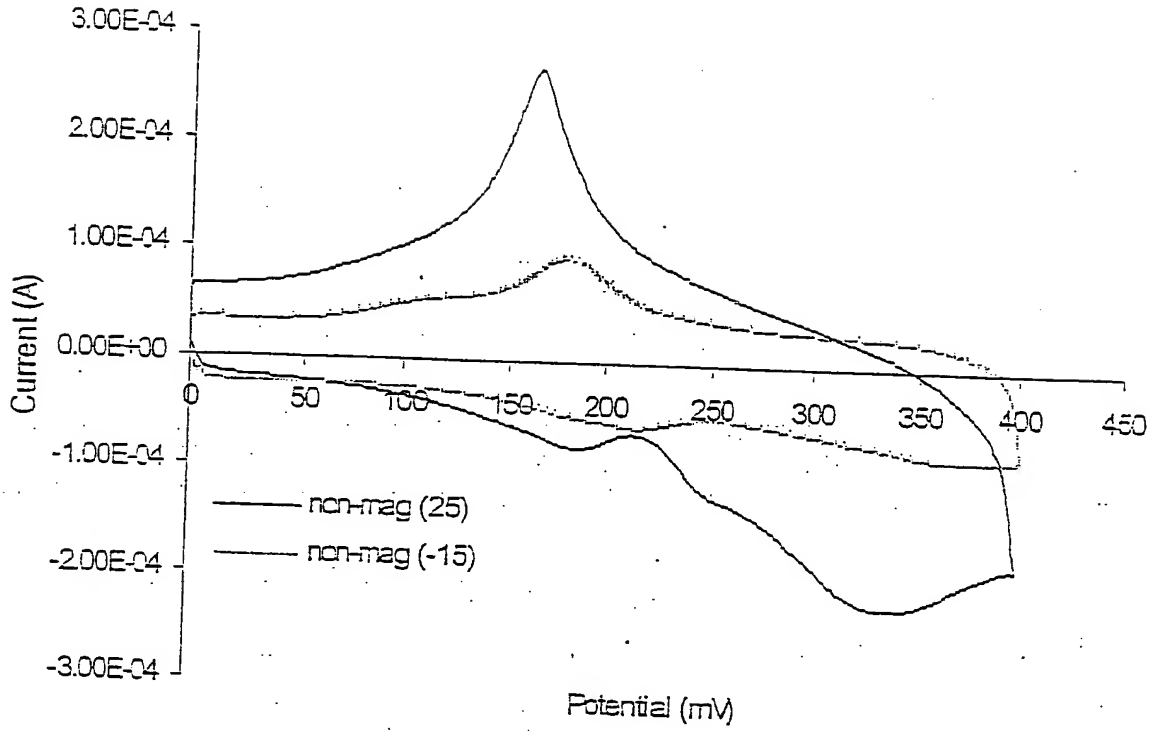

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Figure 26. Cyclic Voltammograms for Non-magnetized $Ni(OH)_2$ with 5% SmCo Mixture Electrode at T = -15°C (v = 200 mV/sec).

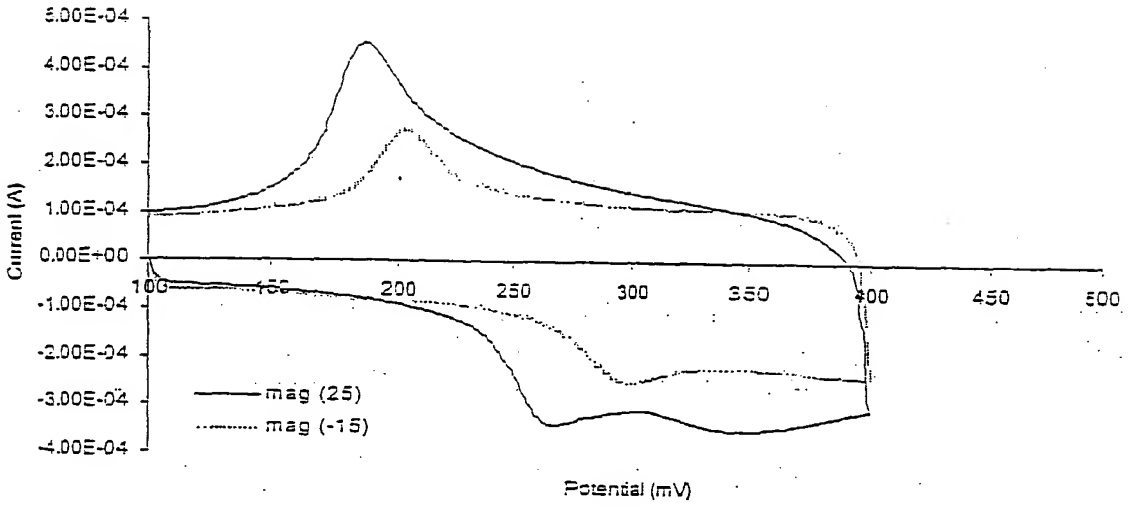

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Figure 27. Cyclic Voltammograms for Magnetized $Ni(OH)_2$ with 5% SmCo Mixture Electrode at T = -15°C (ν = 200 mV/sec).